

Appendix B. SAR Tissue Specification

The brain mixtures consist of a viscous gel using hydrox-ethyl cellulose(HEC) gelling agent and saline solution. Preservation with a bactericide is added and visual inspection is made to make sure air bubbles are not trapped during the mixing process. The mixture is calibrated to obtain proper dielectric constant (permittivity) and conductivity of the desired tissue.

Frequency (MHz)	750 ~ 835		1 750		1 900		2 450		5 200 ~ 5 800	
Tissue Type	Head	Body	Head	Body	Head	Body	Head	Body	Head	Body
Ingredient	% by weight									
Water	40.29	51.97	53.00	68.00	55.00	70.50	72.00	73.00	65.52	80.00
Salt (NaCl)	1.38	0.93	0.40	0.20	0.35	0.30	0.10	0.10	0	0
Sugar	57.90	47.00	0	0	0	0	0	0	0	0
HEC	0.24	0	0	0	0	0	0	0	0	0
Bactericide	0.19	0.10	0	0	0	0	0	0	0	0
Triton X-100	0	0	0	0	0	0	20.00	0	17.24	0
DGBE	0	0	46.60	31.80	44.65	29.20	0	26.90	0	0
Diethylene glycol hexyl ether	0	0	0	0	0	0	7.90	0	17.24	0
Polysorbate (Tween) 80	0	0	0	0	0	0	0	0	0	20.00
Tissue parameter target by C. Gabriel and G. Harts grove.										
Salt: 99 % Pure Sodium Chloride					Sucrose: 98 % Pure Sucrose					
Water: De-ionized, 16 M resistivity					HEC: Hydroxyethyl Cellulose					
DGBE: 99 % Di(ethylene glycol) butyl ether, [2-(2-butoxyethoxy) ethanol]										
Triton X-100(ultra-pure): Polyethylene glycol mono[4-(1,1,3,3-tetramethylbutyl)phenyl] ether										

Appendix C. Power Reduction Verification

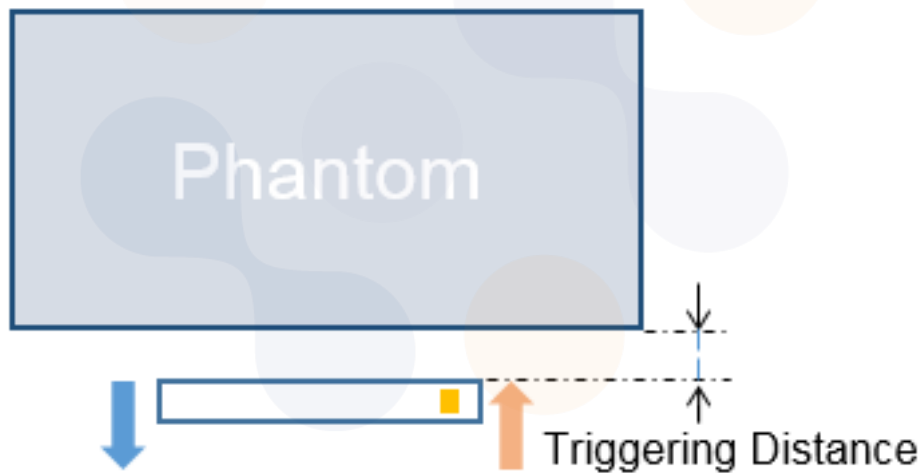
C.1 Proximity Sensor Triggering Distance

Proximity Sensor Triggering Distance (KDB 616217 §6.2)

Rear, Top, Bottom of the DUT was placed directly below the flat phantom. The DUT was moved toward the phantom in accordance with the steps outlined in KDB 616217 §6.2 to determine the trigger distance for enabling power reduction. The DUT was moved away from the phantom to determine the trigger distance for resuming full power.

The DUT featured a visual indicator on its display that showed the status of the proximity sensor (Triggered or not triggered). This was used to determine the status of the sensor during the proximity sensor assessment as monitoring the output power directly was not practical without affecting the measurement.

It was confirmed separately that the output power was altered according to the proximity sensor status indication. This was achieved by observing the proximity sensor status at the same time as monitoring the conducted power contains both the full and reduced conducted power measurements.



LEGEND

-  Direction of DUT travel for determination of power reduction triggering point
-  Direction of DUT travel for determination of full power resumption triggering point

C.1.1 Rear

Resulting test positions for SAR measurements

Tissue simulating liquid	Band	Trigger distance – Rear		
		Moving toward phantom	Moving from phantom	Worst case distance for SAR
2450 Head	WLAN Ant. 1	16 mm	16 mm	15 mm
	Bluetooth Ant. 1			
5000 Head	WLAN Ant. 1	16 mm	16 mm	15 mm
2450 Head	WLAN Ant. 2	20 mm	20 mm	19 mm
	Bluetooth Ant. 2			
5000 Head	WLAN Ant. 2	20 mm	20 mm	19 mm

Proximity Sensor Triggering Distance Measurement Results – Rear Side (WIFI Ant.1)

DUT Moving Toward (Trigger) to the Phantom

Distance to DUT Output Power (dBm)										
Distance (mm)	21	20	19	18	17	16	15	14	13	12
2.4 GHz 802.11b	18.52	18.61	18.55	18.67	18.49	10.81	10.76	10.81	10.73	10.85
2.4 GHz 802.11g	15.33	15.29	15.40	15.49	15.46	10.86	10.86	10.89	10.91	10.86
2.4 GHz 802.11n	15.30	15.42	15.37	15.39	15.32	11.33	11.34	11.35	11.32	11.41
2.4 GHz 802.11ac	14.78	14.78	14.88	14.80	14.84	11.40	11.57	11.41	11.39	11.50
2.4 GHz 802.11ax SU	15.03	14.99	15.11	15.03	14.97	10.92	11.03	10.99	10.95	11.00
5 GHz 802.11a	16.75	16.68	16.68	16.73	16.68	6.62	6.61	6.66	6.62	6.74
5 GHz 802.11n 20MHz	15.91	15.94	15.99	15.96	15.92	6.65	6.55	6.55	6.51	6.65
5 GHz 802.11n 40MHz	15.64	15.69	15.60	15.49	15.68	7.12	7.14	7.18	7.21	7.09
5 GHz 802.11ac 20MHz	15.46	15.48	15.58	15.52	15.49	6.82	6.73	6.73	6.78	6.65
5 GHz 802.11ac 40MHz	15.04	15.02	15.13	15.19	15.08	7.32	7.39	7.24	7.38	7.28
5 GHz 802.11ac 80MHz	15.27	15.24	15.12	15.22	15.22	6.66	6.78	6.71	6.63	6.75
5 GHz 802.11ac 160MHz	14.41	14.43	14.39	14.24	14.27	6.83	6.96	6.94	6.84	6.87
5 GHz 802.11ax SU(20M)	15.58	15.56	15.46	15.60	15.55	6.66	6.74	6.76	6.70	6.76
5 GHz 802.11ax SU(40M)	16.11	16.21	16.24	16.12	16.23	7.30	7.41	7.26	7.31	7.44
5 GHz 802.11ax SU(80M)	14.92	14.97	14.95	14.98	14.96	6.80	6.85	6.83	6.73	6.81
5 GHz 802.11ax SU(160M)	13.57	13.48	13.56	13.40	13.51	6.89	6.82	6.89	6.82	6.83
Bluetooth(DH5)	19.12	19.08	19.24	19.23	19.20	10.94	11.01	11.01	10.90	11.03

DUT Moving Away (Release) from the Phantom

Distance to DUT Output Power (dBm)										
Distance (mm)	12	13	14	15	16	17	18	19	20	21
2.4 GHz 802.11b	10.82	10.80	10.78	10.81	10.87	18.49	18.57	18.53	18.47	18.62
2.4 GHz 802.11g	10.89	10.86	10.78	10.88	10.76	15.43	15.38	15.45	15.46	15.39
2.4 GHz 802.11n	11.33	11.46	11.48	11.36	11.35	15.31	15.43	15.44	15.42	15.39
2.4 GHz 802.11ac	11.39	11.56	11.54	11.57	11.47	14.92	14.84	14.75	14.95	14.78
2.4 GHz 802.11ax SU	11.06	11.01	11.01	10.95	10.91	14.95	15.11	15.10	15.08	15.08
5 GHz 802.11a	6.67	6.73	6.72	6.60	6.60	16.81	16.71	16.77	16.69	16.63
5 GHz 802.11n 20MHz	6.53	6.57	6.51	6.67	6.51	15.90	15.81	16.00	15.93	15.91
5 GHz 802.11n 40MHz	7.10	7.24	7.12	7.08	7.18	15.62	15.54	15.53	15.50	15.65
5 GHz 802.11ac 20MHz	6.69	6.81	6.82	6.84	6.78	15.54	15.56	15.53	15.59	15.62
5 GHz 802.11ac 40MHz	7.40	7.32	7.41	7.27	7.23	15.19	15.12	15.20	15.15	15.03
5 GHz 802.11ac 80MHz	6.69	6.61	6.66	6.62	6.68	15.23	15.14	15.21	15.29	15.23
5 GHz 802.11ac 160MHz	6.77	6.78	6.82	6.81	6.82	14.30	14.26	14.42	14.36	14.30
5 GHz 802.11ax SU(20M)	6.62	6.74	6.75	6.69	6.62	15.64	15.50	15.61	15.52	15.65
5 GHz 802.11ax SU(40M)	7.34	7.39	7.27	7.41	7.26	16.24	16.06	16.06	16.26	16.14
5 GHz 802.11ax SU(80M)	6.74	6.84	6.86	6.85	6.74	14.96	14.87	14.96	14.89	15.04
5 GHz 802.11ax SU(160M)	6.86	6.82	6.86	6.76	6.81	13.59	13.58	13.44	13.51	13.50
Bluetooth(DH5)	11.01	11.04	10.97	10.94	10.94	19.11	19.09	19.23	19.22	19.20

Proximity Sensor Triggering Distance Measurement Results – Rear Side (WIFI Ant.2)

DUT Moving Toward (Trigger) to the Phantom

Distance to DUT Output Power (dBm)										
Distance (mm)	25	24	23	22	21	20	19	18	17	16
2.4 GHz 802.11b	18.97	18.93	18.89	19.01	19.03	10.67	10.64	10.77	10.80	10.70
2.4 GHz 802.11g	14.70	14.70	14.63	14.59	14.61	10.64	10.59	10.61	10.74	10.61
2.4 GHz 802.11n	15.58	15.48	15.40	15.47	15.58	10.69	10.55	10.53	10.66	10.63
2.4 GHz 802.11ac	14.92	14.95	14.85	14.96	14.84	11.24	11.11	11.14	11.20	11.25
2.4 GHz 802.11ax SU	14.46	14.46	14.53	14.58	14.46	11.06	10.99	10.92	11.06	10.92
5 GHz 802.11a	17.28	17.29	17.34	17.27	17.23	7.06	7.09	7.16	7.05	7.04
5 GHz 802.11n 20MHz	16.41	16.48	16.44	16.42	16.42	7.24	7.22	7.21	7.10	7.15
5 GHz 802.11n 40MHz	16.28	16.44	16.42	16.44	16.32	6.57	6.62	6.72	6.62	6.67
5 GHz 802.11ac 20MHz	16.37	16.40	16.34	16.29	16.29	7.55	7.44	7.38	7.49	7.41
5 GHz 802.11ac 40MHz	14.95	14.82	14.94	14.97	14.94	7.35	7.40	7.38	7.51	7.34
5 GHz 802.11ac 80MHz	14.68	14.68	14.67	14.55	14.61	7.19	7.24	7.09	7.06	7.12
5 GHz 802.11ac 160MHz	13.66	13.51	13.65	13.56	13.49	6.72	6.62	6.67	6.59	6.66
5 GHz 802.11ax SU(20M)	15.80	15.74	15.81	15.83	15.73	6.83	6.78	6.71	6.69	6.85
5 GHz 802.11ax SU(40M)	15.49	15.60	15.46	15.43	15.44	6.91	7.07	6.98	6.96	6.94
5 GHz 802.11ax SU(80M)	15.23	15.16	15.10	15.13	15.21	6.68	6.68	6.82	6.66	6.72
5 GHz 802.11ax SU(160M)	13.81	13.92	13.87	13.80	13.77	7.15	7.24	7.28	7.32	7.17
Bluetooth(DH5)	18.26	18.14	18.18	18.19	18.17	11.93	11.85	11.96	11.81	11.91

DUT Moving Away (Release) from the Phantom

Distance to DUT Output Power (dBm)										
Distance (mm)	16	17	18	19	20	21	22	23	24	25
2.4 GHz 802.11b	10.79	10.60	10.65	10.73	10.75	18.89	18.95	18.97	18.95	19.09
2.4 GHz 802.11g	10.78	10.76	10.77	10.75	10.79	14.70	14.63	14.52	14.70	14.62
2.4 GHz 802.11n	10.57	10.56	10.64	10.55	10.67	15.44	15.43	15.49	15.51	15.54
2.4 GHz 802.11ac	11.18	11.26	11.28	11.13	11.15	14.94	14.98	14.96	14.98	14.97
2.4 GHz 802.11ax SU	11.08	11.00	11.07	10.94	11.01	14.47	14.43	14.54	14.49	14.44
5 GHz 802.11a	7.14	7.16	7.05	7.17	7.09	17.22	17.31	17.18	17.17	17.27
5 GHz 802.11n 20MHz	7.09	7.17	7.25	7.24	7.21	16.59	16.47	16.40	16.59	16.53
5 GHz 802.11n 40MHz	6.68	6.69	6.57	6.62	6.58	16.38	16.34	16.44	16.47	16.45
5 GHz 802.11ac 20MHz	7.40	7.39	7.39	7.38	7.45	16.41	16.31	16.33	16.36	16.41
5 GHz 802.11ac 40MHz	7.37	7.44	7.43	7.41	7.48	14.87	14.87	14.82	15.01	14.97
5 GHz 802.11ac 80MHz	7.14	7.13	7.08	7.21	7.20	14.59	14.52	14.60	14.61	14.49
5 GHz 802.11ac 160MHz	6.68	6.62	6.74	6.65	6.65	13.64	13.49	13.54	13.56	13.49
5 GHz 802.11ax SU(20M)	6.84	6.71	6.72	6.71	6.75	15.74	15.89	15.92	15.78	15.79
5 GHz 802.11ax SU(40M)	6.91	7.00	6.93	7.09	6.93	15.50	15.48	15.44	15.54	15.59
5 GHz 802.11ax SU(80M)	6.69	6.64	6.79	6.67	6.83	15.21	15.29	15.29	15.23	15.10
5 GHz 802.11ax SU(160M)	7.20	7.23	7.17	7.29	7.17	13.88	13.92	13.96	13.77	13.77
Bluetooth(DH5)	11.80	11.87	11.90	11.97	11.98	18.20	18.23	18.15	18.30	18.19

C.1.2 Top

Resulting test positions for SAR measurements

Tissue simulating liquid	Band	Trigger distance – Top		
		Moving toward phantom	Moving from phantom	Worst case distance for SAR
2450 Head	WLAN Ant. 1	16 mm	16 mm	15 mm
	Bluetooth Ant. 1			
5000 Head	WLAN Ant. 1	16 mm	16 mm	15 mm

Proximity Sensor Triggering Distance Measurement Results – Top (WIFI Ant.1)

DUT Moving Toward (Trigger) to the Phantom

Distance to DUT Output Power (dBm)										
Distance (mm)	21	20	19	18	17	16	15	14	13	12
2.4 GHz 802.11b	18.48	18.59	18.65	18.60	18.64	10.86	10.81	10.75	10.74	10.72
2.4 GHz 802.11g	15.35	15.46	15.48	15.41	15.33	10.86	10.77	10.83	10.87	10.71
2.4 GHz 802.11n	15.24	15.29	15.27	15.30	15.37	11.36	11.31	11.44	11.43	11.40
2.4 GHz 802.11ac	14.85	14.82	14.91	14.83	14.77	11.41	11.57	11.42	11.47	11.38
2.4 GHz 802.11ax SU	14.98	15.13	15.14	14.95	15.10	11.05	10.89	10.98	10.91	11.09
5 GHz 802.11a	16.77	16.80	16.79	16.75	16.71	6.68	6.58	6.68	6.67	6.71
5 GHz 802.11n 20MHz	15.98	15.98	15.88	15.88	15.84	6.58	6.63	6.69	6.53	6.64
5 GHz 802.11n 40MHz	15.67	15.50	15.68	15.50	15.55	7.21	7.13	7.15	7.16	7.22
5 GHz 802.11ac 20MHz	15.47	15.50	15.61	15.64	15.60	6.79	6.67	6.79	6.66	6.66
5 GHz 802.11ac 40MHz	15.12	15.13	15.07	15.13	15.21	7.32	7.26	7.28	7.39	7.29
5 GHz 802.11ac 80MHz	15.21	15.22	15.12	15.16	15.24	6.69	6.72	6.71	6.79	6.80
5 GHz 802.11ac 160MHz	14.31	14.25	14.40	14.34	14.32	6.92	6.91	6.77	6.78	6.95
5 GHz 802.11ax SU(20M)	15.48	15.59	15.63	15.46	15.53	6.73	6.60	6.76	6.67	6.71
5 GHz 802.11ax SU(40M)	16.18	16.15	16.07	16.20	16.19	7.26	7.29	7.28	7.42	7.40
5 GHz 802.11ax SU(80M)	15.02	14.92	14.91	14.96	14.90	6.82	6.78	6.88	6.89	6.74
5 GHz 802.11ax SU(160M)	13.56	13.51	13.40	13.52	13.57	6.80	6.93	6.82	6.88	6.78
Bluetooth(DH5)	19.21	19.22	19.20	19.22	19.19	10.91	10.97	11.08	11.02	10.94

DUT Moving Away (Release) from the Phantom

Distance to DUT Output Power (dBm)										
Distance (mm)	12	13	14	15	16	17	18	19	20	21
2.4 GHz 802.11b	10.83	10.77	10.76	10.76	10.81	18.64	18.60	18.57	18.60	18.56
2.4 GHz 802.11g	10.80	10.84	10.82	10.74	10.77	15.44	15.35	15.38	15.31	15.33
2.4 GHz 802.11n	11.41	11.37	11.46	11.44	11.33	15.37	15.37	15.34	15.33	15.26
2.4 GHz 802.11ac	11.57	11.48	11.45	11.42	11.52	14.82	14.75	14.84	14.89	14.76
2.4 GHz 802.11ax SU	11.06	11.02	11.05	11.06	11.01	14.98	15.04	15.07	15.02	15.00
5 GHz 802.11a	6.69	6.59	6.76	6.78	6.73	16.71	16.68	16.66	16.79	16.70
5 GHz 802.11n 20MHz	6.59	6.65	6.53	6.53	6.52	15.99	15.89	15.91	15.97	15.95
5 GHz 802.11n 40MHz	7.24	7.14	7.20	7.07	7.26	15.66	15.58	15.59	15.58	15.52
5 GHz 802.11ac 20MHz	6.67	6.65	6.67	6.73	6.65	15.55	15.56	15.55	15.46	15.61
5 GHz 802.11ac 40MHz	7.31	7.25	7.35	7.24	7.42	15.05	15.11	15.07	15.16	15.17
5 GHz 802.11ac 80MHz	6.69	6.65	6.77	6.68	6.66	15.20	15.17	15.19	15.20	15.15
5 GHz 802.11ac 160MHz	6.95	6.97	6.91	6.97	6.94	14.29	14.37	14.36	14.41	14.32
5 GHz 802.11ax SU(20M)	6.73	6.64	6.73	6.57	6.74	15.53	15.65	15.47	15.46	15.59
5 GHz 802.11ax SU(40M)	7.43	7.35	7.38	7.28	7.39	16.17	16.08	16.11	16.09	16.07
5 GHz 802.11ax SU(80M)	6.84	6.87	6.71	6.85	6.83	14.90	14.93	14.92	14.90	14.87
5 GHz 802.11ax SU(160M)	6.90	6.87	6.94	6.77	6.89	13.55	13.53	13.49	13.52	13.40
Bluetooth(DH5)	10.99	11.10	10.96	10.90	10.97	19.08	19.05	19.24	19.17	19.15

C.1.3 Bottom

Resulting test positions for SAR measurements

Tissue simulating liquid	Band	Trigger distance – Bottom		
		Moving toward phantom	Moving from phantom	Worst case distance for SAR
2450 Head	WLAN Ant. 2	15 mm	15 mm	14 mm
	Bluetooth Ant. 2			
5000 Head	WLAN Ant. 2	15 mm	15 mm	14 mm

Proximity Sensor Triggering Distance Measurement Results – Bottom (WIFI Ant.2)

DUT Moving Toward (Trigger) to the Phantom

Distance to DUT Output Power (dBm)										
Distance (mm)	20	19	18	17	16	15	14	13	12	11
2.4 GHz 802.11b	19.06	18.94	19.00	18.98	19.03	10.72	10.77	10.80	10.67	10.76
2.4 GHz 802.11g	14.57	14.53	14.69	14.67	14.55	10.69	10.72	10.59	10.79	10.70
2.4 GHz 802.11n	15.49	15.42	15.49	15.45	15.47	10.60	10.62	10.51	10.58	10.54
2.4 GHz 802.11ac	14.90	14.92	14.83	14.86	14.84	11.28	11.24	11.12	11.23	11.24
2.4 GHz 802.11ax SU	14.54	14.47	14.47	14.60	14.46	10.93	10.95	11.10	11.09	11.06
5 GHz 802.11a	17.20	17.18	17.17	17.25	17.21	7.08	7.03	7.04	7.17	7.11
5 GHz 802.11n 20MHz	16.43	16.55	16.54	16.45	16.53	7.15	7.22	7.19	7.15	7.25
5 GHz 802.11n 40MHz	16.39	16.36	16.36	16.28	16.41	6.63	6.59	6.58	6.63	6.64
5 GHz 802.11ac 20MHz	16.29	16.40	16.43	16.33	16.26	7.51	7.41	7.44	7.40	7.42
5 GHz 802.11ac 40MHz	14.99	14.84	14.97	14.90	14.83	7.39	7.45	7.54	7.47	7.44
5 GHz 802.11ac 80MHz	14.63	14.64	14.66	14.49	14.58	7.12	7.21	7.14	7.21	7.18
5 GHz 802.11ac 160MHz	13.59	13.47	13.63	13.53	13.58	6.67	6.60	6.75	6.60	6.73
5 GHz 802.11ax SU(20M)	15.85	15.74	15.91	15.92	15.82	6.73	6.81	6.73	6.71	6.74
5 GHz 802.11ax SU(40M)	15.44	15.60	15.46	15.51	15.56	7.03	6.97	6.94	7.01	7.07
5 GHz 802.11ax SU(80M)	15.26	15.24	15.28	15.16	15.18	6.64	6.73	6.81	6.66	6.65
5 GHz 802.11ax SU(160M)	13.85	13.92	13.77	13.87	13.81	7.16	7.22	7.17	7.19	7.30
Bluetooth(DH5)	18.21	18.28	18.34	18.27	18.19	11.82	11.94	11.81	11.94	11.81

DUT Moving Away (Release) from the Phantom

Distance to DUT Output Power (dBm)										
Distance (mm)	11	12	13	14	15	16	17	18	19	20
2.4 GHz 802.11b	10.75	10.61	10.75	10.60	10.79	19.03	19.05	19.06	19.04	18.93
2.4 GHz 802.11g	10.68	10.67	10.63	10.63	10.74	14.52	14.72	14.56	14.70	14.66
2.4 GHz 802.11n	10.64	10.61	10.66	10.62	10.61	15.56	15.44	15.57	15.53	15.53
2.4 GHz 802.11ac	11.12	11.18	11.29	11.22	11.25	14.95	14.85	15.02	14.84	14.89
2.4 GHz 802.11ax SU	10.94	11.03	10.90	10.97	11.10	14.58	14.54	14.61	14.63	14.52
5 GHz 802.11a	7.05	7.01	7.03	7.07	7.12	17.26	17.16	17.35	17.35	17.20
5 GHz 802.11n 20MHz	7.09	7.27	7.19	7.21	7.12	16.48	16.56	16.57	16.47	16.59
5 GHz 802.11n 40MHz	6.62	6.57	6.56	6.62	6.70	16.27	16.45	16.31	16.31	16.45
5 GHz 802.11ac 20MHz	7.43	7.35	7.53	7.54	7.41	16.40	16.43	16.28	16.28	16.34
5 GHz 802.11ac 40MHz	7.48	7.53	7.34	7.36	7.43	14.88	14.98	14.82	14.93	15.01
5 GHz 802.11ac 80MHz	7.09	7.17	7.22	7.10	7.23	14.58	14.68	14.60	14.62	14.62
5 GHz 802.11ac 160MHz	6.63	6.71	6.64	6.67	6.65	13.51	13.49	13.46	13.61	13.62
5 GHz 802.11ax SU(20M)	6.71	6.68	6.83	6.75	6.74	15.92	15.77	15.77	15.87	15.78
5 GHz 802.11ax SU(40M)	6.95	6.98	6.91	6.93	7.03	15.55	15.50	15.45	15.46	15.54
5 GHz 802.11ax SU(80M)	6.69	6.75	6.63	6.72	6.71	15.16	15.12	15.24	15.16	15.12
5 GHz 802.11ax SU(160M)	7.25	7.17	7.18	7.23	7.29	13.77	13.89	13.81	13.76	13.78
Bluetooth(DH5)	11.90	11.87	11.81	11.85	11.93	18.30	18.14	18.26	18.20	18.26

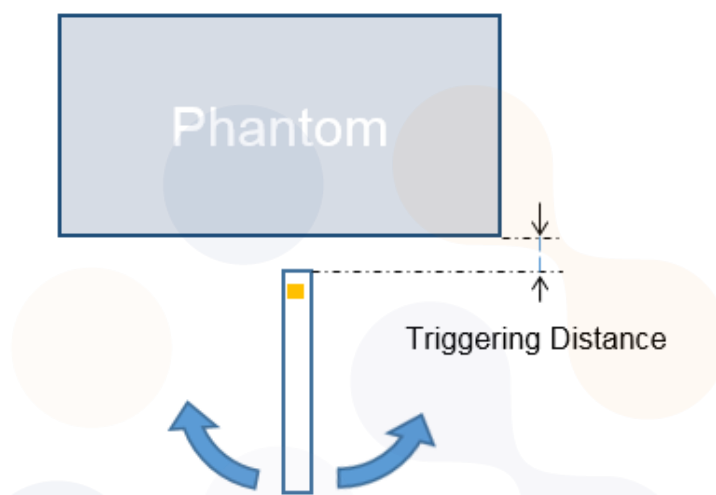
C.2 Proximity Sensor Tilt Angle Assessment

Proximity Sensor Tilt Angle Assessment (KDB 616217 §6.4)

The DUT was positioned directly below the flat phantom at the minimum measured trigger distance with Bottom parallel to the base of the flat phantom for each band.

The EUT was rotated about Bottom for angles up to $\pm 45^\circ$. If the output power increased during the rotation the DUT was moved 1mm toward the phantom and the rotation repeated.

This procedure was repeated until the power remained reduced for all angles up to $\pm 45^\circ$.



Proximity sensor tilt angle assessment KDB 616217 §6.4

Summary of Tilt Angle Influence to Proximity Sensor Triggering (Top)

Band [MHz]	Minimum trigger distance measured according to KDB 616217 §6.2	Minimum distance at which power reduction was maintained over $\pm 45^\circ$	Power reduction status										
			-45°	-40°	-30°	-20°	-10°	0°	10°	20°	30°	40°	45°
2450(Ant.1)	16 mm	16 mm	On	On	On	On	On	On	On	On	On	On	On
5000(Ant.1)	16 mm	16 mm	On	On	On	On	On	On	On	On	On	On	On

Summary of Tilt Angle Influence to Proximity Sensor Triggering (Bottom)

Band [MHz]	Minimum trigger distance measured according to KDB 616217 §6.2	Minimum distance at which power reduction was maintained over $\pm 45^\circ$	Power reduction status										
			-45°	-40°	-30°	-20°	-10°	0°	10°	20°	30°	40°	45°
2450(Ant.2)	15 mm	15 mm	On	On	On	On	On	On	On	On	On	On	On
5000(Ant.2)	15 mm	15 mm	On	On	On	On	On	On	On	On	On	On	On